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Reviewer: Durreshwar Anjum

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Reviewer: Durreshwar Anjum

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Application No: 10501127 Version No: 5.0

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Westerveen, Sjoukje F
Bakker, Douwe
van Zijderveld, Fred G
Thole, Jelle E.R.

<120> Paramycobacterial diagnostics and vaccines

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<141> 2004-09-10

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<151> 2003-01-13

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<151> 2002-01-11

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Asn Ala Ser Asp Pro Ala Ala Ala Gln Gln Leu Asn Ser Ser Pro Met
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Westerveen, Sjoukje F
Bakker, Douwe
van Zijderveld, Fred G
Thole, Jelle E.R.

<120> Paramycobacterial diagnostics and vaccines

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ccc gcc ctg agc ggc ggc gcc acc agc act ccc ggt ctg gcc agc ccc Pro Ala Leu Ser Gly Gly Ala Thr Ser Thr Pro Gly Leu Ala Ser Pro 80 85 90	409
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 Gly Val Ala Ser Ala Asp Pro Met Asp Ala Ile Ile Asn Thr Thr Cys
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aac tac ggg cag gtg atc gcc gcg ctg aac gcg tcc gac ccg gcg gct 198
 Asn Tyr Gly Gln Val Ile Ala Ala Leu Asn Ala Ser Asp Pro Ala Ala
 40 45 50 55

gcc cag cag ctg aac tcg tcg ccg atg gcg cag tcc tac atc cag ccg 246
 Ala Gln Gln Leu Asn Ser Ser Pro Met Ala Gln Ser Tyr Ile Gln Arg
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 Phe Leu Ala Ser Pro Pro Ala Lys Arg Gln Gln Met Ala Gln Gln Ile
 75 80 85

cag ggc atg ccg gcc gcg cag cag tac atc aac gac atc aac cag gtc 342
 Gln Gly Met Pro Ala Ala Gln Gln Tyr Ile Asn Asp Ile Asn Gln Val
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<213> Mycobacterium avium

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 35 40 45

Asn Ala Ser Asp Pro Ala Ala Ala Gln Gln Leu Asn Ser Ser Pro Met
 50 55 60

Ala Gln Ser Tyr Ile Gln Arg Phe Leu Ala Ser Pro Pro Ala Lys Arg
 65 70 75 80

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Val Ser Ser Asp Leu Phe Ser Gln Ile Val Asn Ser Gly Pro Gly Ser
5 10 15 20

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Phe Leu Ala Lys Gln Leu Gly Val Pro Gln Pro Glu Thr Leu Arg Arg
25 30 35

tac cgg ccc ggt gac ccg ccg ctg gcc ggg tcg ctg ctg atc ggc ggc 201
Tyr Arg Pro Gly Asp Pro Pro Leu Ala Gly Ser Leu Leu Ile Gly Gly
40 45 50

gag ggc cgc gtg gtc gag ccg ctg ccg gcg gcg ctg gcc aag gac tac 249
Glu Gly Arg Val Val Glu Pro Leu Arg Ala Ala Leu Ala Lys Asp Tyr
55 60 65

gac ctg gtc ggc aac aac ctg ggc ggg cgc tgg gcc gac cgg ttc ggc 297
Asp Leu Val Gly Asn Asn Leu Gly Gly Arg Trp Ala Asp Arg Phe Gly
70 75 80

ggg ctg gtc ttc gac gcc acc ggg atc acc acc ccg gag ggc ctg aag 345
Gly Leu Val Phe Asp Ala Thr Gly Ile Thr Thr Pro Glu Gly Leu Lys
85 90 95 100

ggg ctg tac gag ttc ttc acc cca ctg ctg cgc aac ctg ggt cac tgc 393
Gly Leu Tyr Glu Phe Phe Thr Pro Leu Leu Arg Asn Leu Gly His Cys
105 110 115

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Ala Arg Val Val Val Val Gly Thr Thr Pro Asp Ala Ala Ala Gly Pro
120 125 130

cac gag cgg atc gcc cag cgc gcc ctg gag ggc ttc acc cgg t